


Mail Order API

Mail Order API is used to create mailing lists for traditional postal items in port payé invoicing. More information about letter products and payment methods on <https://www.posti.fi/business/letters-and-publications/letters-domestic/> site.

One electronic mailing lists should be created for one batch of postal items. Typically, all postal items of the day should be gathered to list in sender application and just before mailing batch is sent create an electronic mailing list with this API. Printed covering letter with mailing list number should be on the top of the shipments. Covering letter example below.

Electronic mailing list dispatch note for Acceptance by Posti

Creator: MailerName, 123456	
Mailing Date: 14.08.2018	Telephone number 00000000
Mailing list no 160035018 	Customer CustomerName 123456
Transport unit: <input type="text"/>	Job identifier
Comments:	

RESTInterfaces

Method Parameters / Content

		Description
POST	Body - JSON representation of the mailing list	Creates a new mailing list with the JSON formatted information provided in the request body. Authorized action based on request header customer IDs and mailer/customer ID given to the mailing list.
PUT	Body - JSON representation of the mailing list	Updates existing mailing list with the JSON formatted information provided in the request body. Authorized action based on request header customer IDs and mailer/customer ID given to the mailing list.

DirectOrderingAPI

Title Add or update mailing list

Authentication OAuth2 Authentication. Use token from www.api.posti.fi authentication api. https://oauth.posti.fi/oauth/token?grant_type=client_credentials

URL Mail Order API url
<https://connect.posti.fi/mail/v1/orders>

Method POST, PUT

Content-type: application/json; charset=utf-8

Data params **Payload:** JSON document with one mailing list. See example data below.

Success Response

Code: 201, 200

Content: Created or updated mailing list JSON

Code: 400 BAD REQUEST

Code: 401 UNAUTHORIZED

Code: 403 FORBIDDEN

Error Response **Code:** 408 REQUEST TIMEOUT

Request not handled, retry is advised

Code: 500 INTERNAL SERVER ERROR



Sales orders not handled, retry is advised

Content: N/A

Examples

Mailing list creation

Header

POST 		https://connect.posti.fi/mail/v1/orders
Authorization		Headers (3)
		Body 
		Pre-request Script
		Tests
	Key	Value
<input checked="" type="checkbox"/>	Content-Type	application/json; charset=utf-8
<input checked="" type="checkbox"/>	Accept	application/json
<input checked="" type="checkbox"/>	Authorization	Bearer eyJhbGciOiJSUzI1NiJ9.eyJtYWlsIj...
<input type="checkbox"/>		

Body

```
{
  "originatorListId": "471c24322ab34a2c89f1c93beabbiuuy",
  "mailerId": 123456,
  "customerId": 234567,
  "invoiceId": 4123456,
  "status": "OPEN",
  "jobIdentifier": "Testisanoma",
  "searchIdentifier": "Testihaku",
  "allowPickup": true,
  "acceptanceLocation": "00230",
  "acceptanceDate": "2017-06-02",
  "additionalInformation": "This is extra information",
  "listLines": [
    {
      "productCode": "12907",
      "declaredQuantity": 12,
      "declaredUnitWeight": 10,
      "declaredTotalWeight": 120,
      "zoneCode": "FI",
      "usageCode": "A22",
      "informationCode": "Kirjetulostus",
      "originatorLineId": "6a525178452746d1ba9529e346c7bc26",
      "additionalProducts": [
        "6838", "1144"
      ]
    },
    {
      "productCode": "15257",
      "declaredQuantity": 100,
      "declaredUnitWeight": 44,
      "declaredTotalWeight": 4400,
      "zoneCode": "FI",
      "usageCode": "A22",
      "informationCode": "Kirjetulostus",
      "originatorLineId": "3db1ce7a20754b6298f2661261a145fd",
      "additionalProducts": [
        "10415"
      ]
    }
  ]
}
```

Message contents explained

Element	Description	Format
originatorListId	Unique ID for mailing list. Used if later updates are done with post method	AN
mailerId	User mailer ID number	N6
customerId	Customer ID number, used for invoicing	N6

invoiceId	Customer invoice address number, used for invoicing	N7
status	List status OPEN/CLOSED	OPEN/CLOSED
jobIdentifier	User selected identifier or own internal number for job	AN32
searchIdentifier	User selected search identifier for list	AN32
allowPickup	Allows another mailer to search and update list if mailing list id is given	true/false
acceptanceLocation	Postal center postal code where mail items will be received	N
acceptanceDate	Date of posting	YYYY-MM-DD
additionalInformation	Extra information. Optional.	AN
listLines		
productCode	Product code of service	N7
declaredQuantity	Quantity of products, pieces	N7
declaredUnitWeight	Unit weight of one item in grams	N
declaredTotalWeight	Total weight of products at list line in grams	N
zoneCode	Invoice zone. Use FI for domestic mail	AN3
usageCode	Usage code. Campaign discounts etc. Optional	AN3
informationCode	Information code for invoice separation. Optional.	AN15
originatorLineId	Line unique ID, used if line will be updated later with POST method	AN32
additionalProducts	Additional product codes. Optional.	N7

Mailing list update

Use PUT method, otherwise similar with creation. Element originatorListId is used to select list to be updated.

Testing the interface

Mailing lists created with the interface are used as base of invoicing. If you create some test lists with this interface, cancel the lists in Electronic Mailing List user interface tilauskanava.posti.fi.